



**PART OF THE Y-12 CREDIT UNION** staff admires the two television sets that are going to some lucky Y-12ers tomorrow night at the credit organization's annual meeting. The meet is set at 7:30 p.m., Thursday, January 30, at the Robertsville Junior High School auditorium. Seen above, from left, are Mary Frances Bailey, Lorena Causey, Mullins Petty and Blanche Baxter.

## RESA Sets Showing Of Film Friday

A film, "The Immense Design," is to be presented by the Scientific Research Society of America (RESA) at the Robertsville Junior High School auditorium Friday, January 31, at 8 p.m. This is a documentary film on the evolution of cosmology, theories of the origin and development of the universe. The film is general enough to be of interest to non-scientists, but it also includes lively discussions by W. A. Fowler, F. Hoyle, J. Greenstein and A. Sandage of particular interest to the scientist. The film has been shown several times recently at Oak Ridge National Laboratory. The first time it was shown at the Physics Division seminar on January 9, it created so much interest that three additional presentations have been made at ORNL.

The RESA presentation is planned particularly for those members who were prevented by circumstances from seeing the film, those who might wish their families to see it, and any of the general public who might be interested in this fascinating subject. These discussions are by interesting individuals who are renowned experts in this field.

Additional information on Friday's RESA meeting may be obtained from John M. Googin, plant extension 3-5690, home phone Oak Ridge 483-8205.

### WEIGHT LOSS

We tried those exercises where you bend over and grab your feet. We didn't lose any weight, but we went from a size 8 to a size 15½ shoe.

### A-CHANGING TIMES

No wonder today's generation is lost. They never had the thrill of asking Papa for a penny to buy some candy with!

## Credit Union To Give Away 2 Television Sets

Robertsville Junior High Auditorium is the scene of Y-12 Credit Union's big annual meeting, set for tomorrow night, Thursday, January 30. It's opening time is 7:30 p.m.

There are members of the board to elect, a new member of the credit committee, and decisions to be made that will affect the coming year's business. The Credit Union belongs to its members and it must be governed at all times by its members.

Two portable T.V. sets are listed as door prizes . . . one of them a color set!

With interest rates and loan practices in the news again, Y-12ers can look anew with favor at their credit organization. There is never any 'tight-money' policies at the credit union.

Last year the \$750 ceiling on personal loans was removed by the U.S. Congress, allowing the credit union to determine on an individual basis the amount an employee may borrow on a signature loan.

The Credit Union tries at all times to serve its members with better and expanded services.

A full house is expected at tomorrow night's annual meeting.

### IF AT FIRST

I observed that nine out of ten things I did were failures, when I was a young man. I didn't want to be a failure, so I did ten times more work.—G. B. Shaw.

### NO COMPLETE FAILURE

That mean little boy next door is not a complete failure. At least five mothers we know use him as a bad example.

## Nuclear Division Has Best Safety Record In History!

A new safety record was established during 1968 for all three of the Oak Ridge facilities operated by the Nuclear Division, Union Carbide Corporation, here. Employment at Y-12, Oak Ridge National Laboratory and Oak Ridge Gaseous Diffusion Plant totals around 13,000.

During the year, only three lost-time accidents occurred, and the lost-time accident frequency rate for the three facilities was 0.12. This rate is the lowest in the more than 20 years Union Carbide has operated the three plants. The lost-time frequency rate is the number of injuries per million hours worked.

One of the facilities—the Oak Ridge Gaseous Diffusion Plant—went through all of 1968 without a lost-time accident. From November, 1967, through December 1968, ORGDP employees worked a total of 5,500,000 hours without a lost-time injury.

Y-12 had two lost time accidents, for a rate of 0.18, while ORNL had one lost-time mishap, and a frequency rate of 0.13. These rates are the lowest ever for both plants. These figures compare to a 1967 lost-time frequency rate for all U.S. industry of 7.22, and a chemical industry rate of 3.55.

"The record established by our employees during 1968 was an outstanding achievement," stated Clarence E. Larson, president of the Nuclear Division. "It is significant to note that the nuclear industry has become one of the safest in the nation," he added.

Dr. Larson attributed the record at the Oak Ridge facilities to a very active safety program which

includes personal participation by all employees.

The safety program encompasses formal safety meetings, inspection programs, an extensive education program which includes issuance of safety messages and bulletins, and a safety award incentive program. (Y-12 and ORNL share identical safety awards for 1968, marking the first time in history the plants matched awards.) Dr. Larson added, however, that a safety record like that in 1968 could only have been achieved by the keen interest and daily attention on the part of all employees.

Prior to 1968, the lowest lost-time frequency rate for Oak Ridge was 0.54, recorded in 1963. The 1967 rate was 0.55.

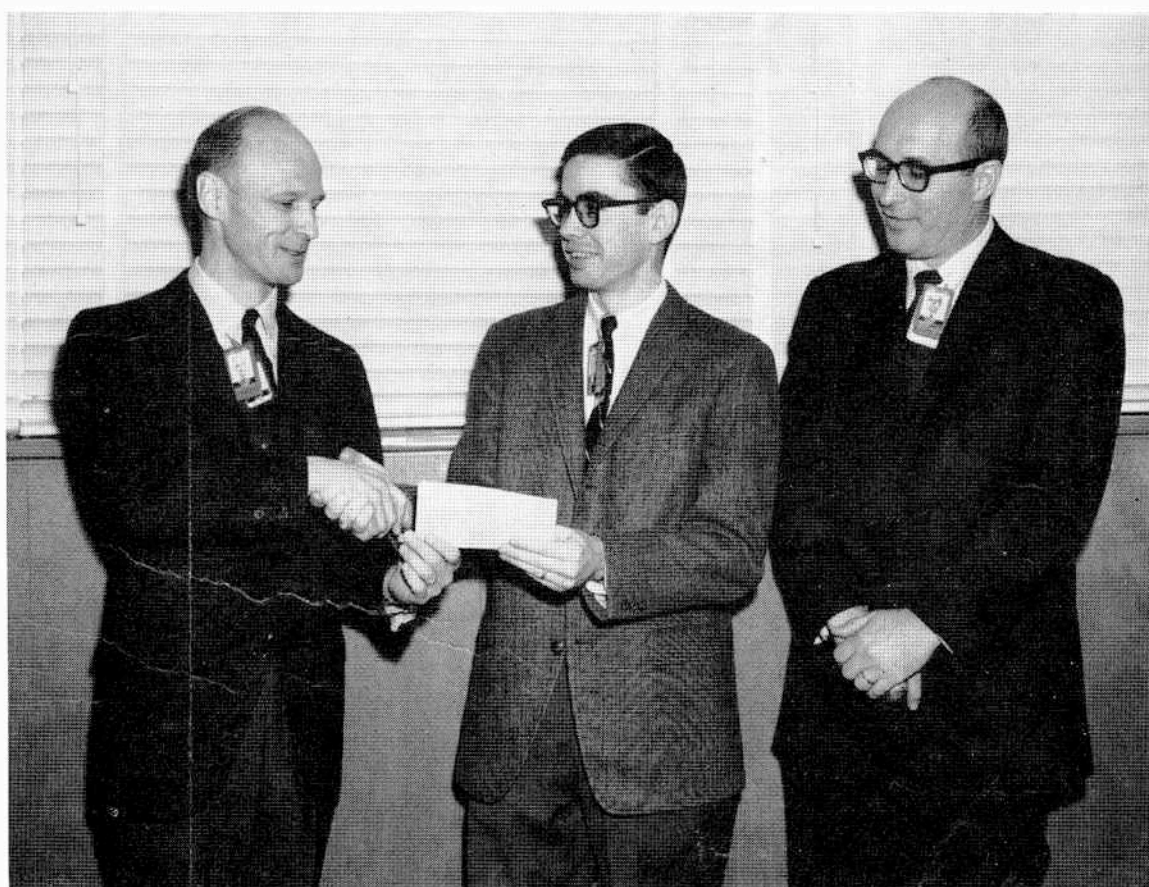
In addition to the 5,500,000 worked without a lost-time accident at ORGDP, employees at Y-12 worked 7,698,000 (March 23 through November 21) without this type of accident, while 5,966,000 hours were worked at ORNL without a lost-time accident.

This was the seventh consecutive year that Y-12's frequency rate had fallen below one!

## Rice's Wildermuth Guest At Physics' Seminar

Karl Wildermuth, Rice University and the University of Tübingen, Germany, will lead this week's Physics Division seminar. His subject will be "Cluster Representations in Nuclear Reactions."

The seminar is set for Friday, January 31, in the East Auditorium of ORNL's 4500 building, at 3:15 p.m.



C. E. KNIGHT JR., FABRICATIONS SYSTEMS DEVELOPMENT, was awarded his master's degree in December of 1967 . . . and one year later he receives compensation for the remaining 50 per cent of his expenditures. Post-graduate degrees earn 100 per cent reimbursement under the Carbide Educational Assistance Program one year after they are earned. Knight, center, above receives his check from Keith Kahl, left, as Jack Yaggi, superintendent of the Development Division, looks on from the right.

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
**65 Days Or**  
**1,829,000 Man-Hours**  
(Unofficial Estimate)  
**Through January 26**  
**Without A Disabling Injury**  
**SAFETY AT HOME,**  
**AT WORK, AT PLAY**



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

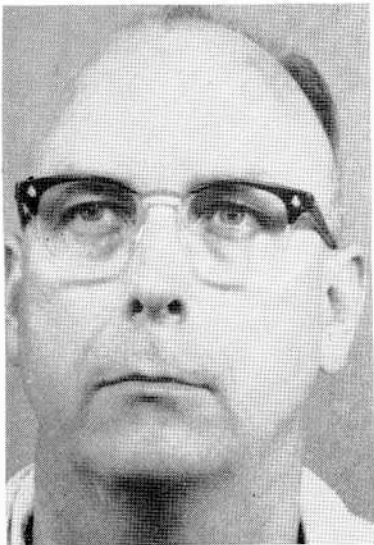
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## Rolling Mill Marks Passing Of Ison



Eugene L. Ison

The 9215 Rolling Department was shocked and saddened by the death of Mr. Eugene L. Ison. He died Saturday, January 18.

The Ison home was at 101 Ontario Lane, Oak Ridge. They had lived previous to that in Oliver Springs.

Mr. Ison came to Y-12 in 1960 from the Oak Ridge Gaseous Diffusion Plant. He hired in at ORGDP August 11, 1956. Born in Aberdeen, Mississippi, he was a veteran of the U.S. Army, from 1942 until 1945. He had worked at the Aluminum Company of America, and had done carpentry work in Oliver Springs before coming here.

Survivors include his wife, Mrs. Ruth Smith Ison, daughters, Janey and Rebecca, all at home; his mother, Mrs. Sally J. Ison, a sister, Mrs. Lillian Smith, and brother, Carl Ison, all of Knoxville.

Funeral services were held Tuesday, January 21, at 2 p.m. at the Mt. Pisgah Baptist Church, where Mr. Ison was a member. Formerly he was Sunday School superintendent at Dyllis. The Reverend Milford Ely and L. W. Vandergriff officiated at the rites.

Interment followed in the Mt. Pisgah Cemetery.

Sincere sympathy is extended to the Ison family.

## McLendon Attends AEC Meeting In Las Vegas

Jack D. McLendon, superintendent of Radiation Safety, recently attended the health protection meeting in Las Vegas, Nevada, sponsored by the Atomic Energy Commission. The meeting was set for January 22-24 and included speakers representative in the field of occupational medicine, industrial hygiene, and health physics. The three day meeting covered numerous aspects of safety pertaining to the nuclear energy program.

## 'Spin-Off' Benefit Listed By AECer

The Atomic Energy Commission's programs in Tennessee have made bonus contributions to the economic growth of the state and to the development of technology in United States science and industry.

These "spin-off" benefits of the AEC's activities in the State were stressed in Oak Ridge recently by John W. Ruch, Deputy Assistant Manager for Operations for the AEC's Oak Ridge Operations, speaking before a joint meeting of the Nashville Chapter of the American Society for Tool and Manufacturing Engineers. The dinner meeting was held at the Knights of Columbus Clubhouse in Donelson.

Ruch said that since Oak Ridge was brought into existence about 25 years ago by the Army Corps of Engineers, the Federal Government has spent some \$6,000,000,000 in nuclear research and production programs here.

Ruch pointed out that through the atomic energy programs at Oak Ridge . . . "dozens of major contributions have been made to technology, improving the economy and expanding the scope of knowledge and literacy." He gave as examples:

1. Liquid centrifuge technology which this year is resulting in the production of a vastly improved influenza vaccine.

2. Information on isotope technology of major importance to numerous manufacturing processes as well as to the fundamental understanding of the nature of matter.

3. Chemical processing techniques such as solvent extraction and ion exchange technology which have application in large raw materials industry.

Ruch also underscored current programs at Oak Ridge which are contributing to national development through defense and peaceful applications of atomic energy:

The Y-12 Plant at Oak Ridge is presently engaged in a \$170,000,000 expansion program associated with the production of components for the U.S. anti-ballistic missile system.

The Oak Ridge Gaseous Diffusion Plant is heavily engaged in the production of enriched uranium for the nuclear power industry and plans already are under way to meet the rapidly increasing demand for enriched uranium in the near future.

The Oak Ridge National Laboratory is involved in a program to develop the concept of nuclear-powered agro-industrial centers. Such centers would be located in arid regions of the world to produce desalted water for growing crops and to produce low-cost electricity for the production of goods and services.

## Surprised Parents Get Thanks From Kids

If you missed this touching little story in one of the daily papers around recently, it is repeated below:

"Surprised parents, teachers and townspeople opened the Sunday Denison, Texas, Herald and found a full page ad secretly placed by the 330 graduating seniors at Denison High School. The ad, paid for from the senior class fund, was brief and simple: "We, the graduating class of the Denison High School of 1968, wish to thank you for 12 years of education."

Who said the younger generation was going to the dogs?

## 12 Y-12ers To Retire This Friday

(Editor's Note: Apologies to January's 12 retirees. Space prohibits the usual biographical sketch for the individual employee. A hearty salute to the more than 212 years of loyal service represented by the retiring Carbiders!)

**Ben F. Butler**  
Research Services  
Born: Roane County  
Csd: September 29, 1953  
Home: Route 2, Harriman

**David R. Carter**  
Process Maintenance  
Born: Decatur, Alabama  
Csd: November 20, 1944  
Home: 4325 Middlebrook Pike, Knoxville

**Fred Cox**  
Alpha 5 Machine Shop  
Born: Stanly County, North Carolina  
Csd: December 21, 1953  
Home: 186 Hillside Road, Oak Ridge

**George R. Cox**  
(Not Pictured)  
Buildings, Grounds and Maintenance Shops  
Born: Clinton  
Csd: September 29, 1952  
Home: Route 1, Clinton

**James F. Chapman, Sr.**  
(Not Pictured)  
H-2, F-Area Shops  
Born: Adamsville, Alabama  
Csd: November 9, 1951  
Home: 502 Woodland Drive, Clinton

**William J. Crabtree**  
General Foundry  
Born: Benton, Tennessee  
Csd: June 21, 1951  
Home: 935 Boaz Road, Athens

**Cora L. McAfee**  
General Administrative Staff  
Born: Boston, Massachusetts  
Csd: November 1, 1943  
Home: 153 Georgia Avenue, Oak Ridge

**Harold H. Miller**  
Buildings, Grounds and Maintenance Shops  
Born: Oak Hill, West Virginia  
Csd: March 10, 1944  
Home: 103 Moylan Lane, Oak Ridge

**Reece E. Pope**  
Chemical Services  
Born: Roane County  
Csd: January 11, 1951  
Home: 641 West Outer Drive, Oak Ridge

**Isiah Eugene Robinette**  
Process Maintenance  
Born: Fairview, Virginia  
Csd: November 24, 1950  
Home: Route 2, Lenoir City

**Ernest F. Sosby**  
Utilities  
Born: Eastland, Georgia  
Csd: November 23, 1944  
Home: 604 Pennsylvania Avenue, Oak Ridge

**Joe T. Thomas**  
Process Maintenance  
Born: Ridgefield Park, New Jersey  
Csd: July 25, 1945  
Home: 166 California Avenue, Oak Ridge

Y-12's 12 retirees for January take with them the very best wishes of the friends and fellow workers.



Ben F. Butler



David R. Carter



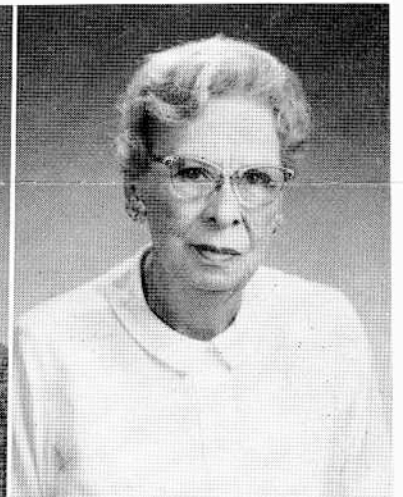
Fred Cox



William J. Crabtree



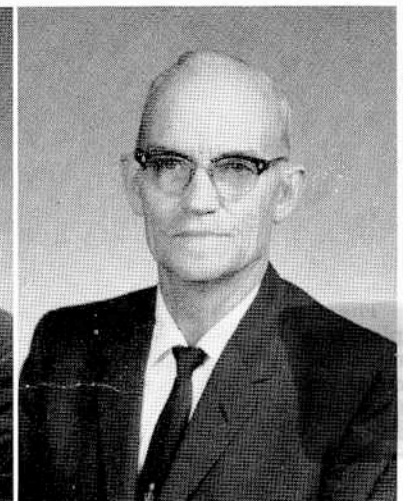
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Cora L. McAfee



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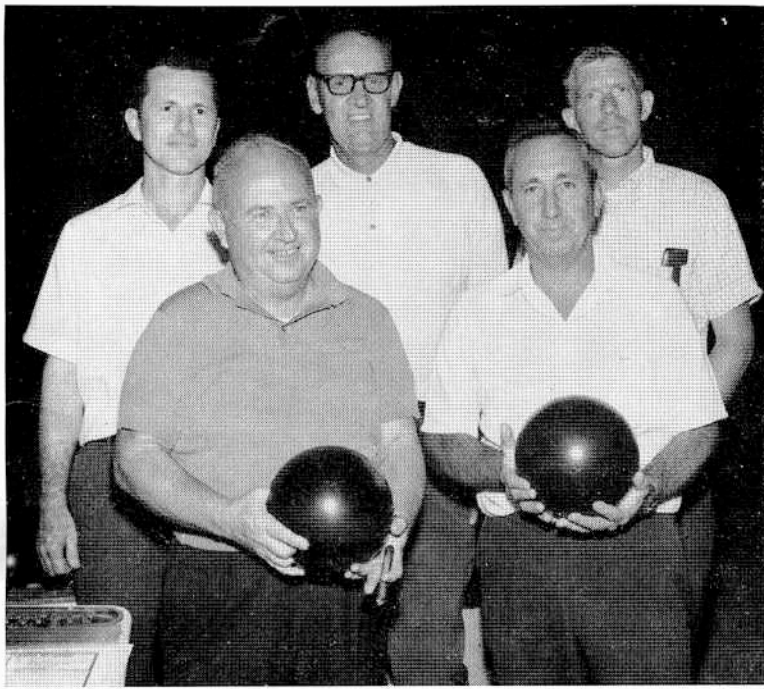


Ernest F. Sosby



Joe T. Thomas





**THE BIG RIPPERS** are often in the winning circle of the Classic Bowling League, seen in action Thursday nights at Ark Lanes. From left, are Wayne Groppe, Nelson Tibbatts, H. "Paddy" Peckman, Captain J. Holzknacht and Hugh Richards.

## Tigers Take Four-Point Lead, Downing Swingsters, In Classic League Race

The Tigers, not content with a mere lead, took a full four-point lead in the Classic bowling race

last week. They pushed three points into records at the expense of the Swingsters. In second place, the All Stars won four from the Screwballs. Also taking four were the Smelters by the Cubs, the Eagles over the Eightballs and the Has Beens by the Playboys.

Posting three were the Pinbusters superior to the Rebels and the Markers by the Splinters. Two and one-half points were earned by the Bumpers over the Rippers.

Jim Franklin, All Stars, hit his stride in taking singles . . . 226 scratch, 258 handicap. Norm Jarvis, Rebels, rolled a 597 scratch series and Travis Craig, Pinbusters, put a 686 handicap series down.

The Bumpers were best in singles . . . 933 and 1049 . . . while the Has Beens had scratch series of 2604, and the Eagles scored a 2977 handicap series.

League standings follow:

Team	W	L
Tigers	17	3
All Stars	13	7
Rebels	12	8
Swingsters	12	8
Smelters	12	8
Screwballs	11	9
Splinters	11	9
Pinbusters	11	9
Rippers	9½	10½
Markers	9	11
Eagles	9	11
Has Beens	8	12
Cubs	8	12
Bumpers	6½	13½
Playboys	6	14
Eightballs	5	12

## Bowling Tournament Draws About The Same!

Y-12 bowlers can expect about the same type of tournament this week-end that they had last year. There are 25 teams entered among men bowlers (the same as 1968). A total of 53 doubles (down one) and 106 singles (down two) . . . and 95 entered in All Events competition (down four).

In mixed doubles there are 17 entries, compared to 19 last year. In women's doubles . . . its nine compared to eight last year . . . with 18 in singles and 16 entered in All Events.

The Recreation Department requests that all bowlers appear at Ark Lanes at least 30 minutes before your scheduled bowling time . . . and bring your own score keeper, it says in the rules. Good bowling!

## NO RETURN

Stretch pants, I have noticed on some women, have no other choice.

## Showdown Nears As GBU's-Bombers Lead Basketball

The GBU's from Y-12 and the ORNL Bombers still claim stakes on the top rung in the Basketball League, both with no losses (they collide with each other February 11!).

Monday's action, last week, saw the Computes squeeze by the Cavaliers 52 to 49, as the Cavaliers almost pulled an upset. A big 18-point third quarter plus the strong rebounding of Nathan Stonecipher and Jim Treadwell powered the Computes over an improving Cavalier five. Larry Finch led scoring for the Computes with 18.

Richard Hudson had 21 big points for the losing squad.

Ron Gamrot paced the GBU team in a big win over the All Stars Monday, 66 to 27. He tallied 19 points (16 in the first quarter), as the GBU's continue to rack up victories almost unchallenged.

Jim Ritts led the losers with 12 points.

Ray Leffler scored 18 big points for the Quarks to lead them over the Bums 47 to 35 in final play Monday. Joe Gallman gained 19 through the goal for the losing Bums.

No games were played Tuesday . . . and Wednesday saw double-timing as Highland View gym got in on some of the action.

On Highland it was the Bombers far over the Quarks, 71 to 41. Bud Lewis looped 21 big ones through the bucket, Herm Thomas, 14, for the big Bombers.

The Quarks' Leffler, Don Ferree and Larry DeRcos all scored 10.

The CC 69ers came to life Wednesday to outclass the Cobols 63 to 45 with Jim Williams dropping 18 through. Harold Conners scored 13 also for the winning 69ers.

On the losing side it was Bob Jennings with 12.

Beta Two Miners out-ran the Bat Boys in all departments in final play . . . 69 to 36.

Tim Buter and John Scott led the Miners with 23 and 22 each. Lynn Story sank 12 through for the losers.

Meanwhile over at the High School gym, action picked up . . . as the Butter Balls barely beat the Guess Who's, taking the game in the final seconds of play.

The G.W.'s refused to die, even to the final quarter. They were paced by Bud Spear with 14.

Bob Belt led the Balls with 11. The Isotopes isolated the Dagmops in no contest at all . . . completely outclassing them, 53 to 24.

Roy Vandermeer scored his usual 12, and Tip Tipton came through with 11, for the winners.

The Bio-Meds and the K-25 Trojans collided in game three. The Bio-Meds won in the third overtime. (The game has been protested, and a ruling is expected this week.) The final score the Bio-Meds 68 . . . the Trojans 72.

The Trojans kept coming back after being down several times. Churchill Moore and his mates kept pouring it on . . . Moore made 35 big ones.

The Bombers won an easy one from the Soul Men, via forfeit.

League standings follow:

Team	W	L
GBU's, Y-12	7	0
Bombers, ORNL	7	0
CC 69ers, Y-12	5	1
Computes, ORNL	5	1
Bio-Meds, ORNL	6	2
Butter Balls, ORNL	5	3
Cavaliers, ORNL	4	3
All Stars, Y-12	4	3
Quarks, Y-12	4	3
Beta 2 Miners, Y-12	4	3
Cobols, K-25	3	4
Isotopes, ORNL	3	4
Bums, Y-12	2	5
Carbide Trojans, K-25	2	5
Dagmops, ORNL	1	6
Guess Who, ORNL	1	6
Bat Boys, Y-12	0	7
Soul Men, Y-12	0	7



**THE BIG FIVE CONSTITUTE** a regular threat to any opponent in the C Bowling League Monday nights. From left are Jack Smiddy, Ed and Billy Sise, Norm Jarvis and J. Sewell. Captain C. C. Ridings not in sight during picture-making.

## Rollmasters, Sunflowers Vie for Top Slot As Lovegrove and Jarvis Roll Big Scores

The Rollmasters rolled up to tie the Sunflowers for the lead in the C Bowling race, with a three-point victory over the HiLifers.

Posting four were the Fireballs by the Royal Flush, the Big Five over the Invalids and the Instrument Engineers past the Rounders. The Badgers beat the Parbusters by three . . . and the Sunflowers and Jokers Five tied with two points each.

Jack Lovegrove, HiLifers, hit individual highs in singles . . . 226 scratch, 247 handicap. Norm Jarvis, Big Five, bested the field in series with a 581 scratch . . .

while Lovegrove returned to the boards with a 636 handicap series.

The Fireballs rolled high singles . . . 879 scratch, 1015 handicap . . . and the Big Five flew over the rest with series highs of 2580, 2940.

League standings follow:

Team	W	L
Rollmasters	15	5
Sunflowers	15	5
Badgers	13	7
Fireballs	13	7
HiLifers	11½	8½
Big Five	9	7
Rounders	11	9
Jokers Five	8	8
Parbusters	7	13
Instrument Engineers	7	13
Invalids	3½	16½
Royal Flush	3	17

## Twisters Take Lead In Mixed Bowling

For the first time in many moons copy got lost somehow in the shuffle last week in making up the Bulletin. The Mixed Bowling League was one of the victims . . . hence two weeks of bowling news.

The week of January 15 saw the Twisters flatten the Alley Cats for four points. Taking three were the Roses 'N Thorns over the Rollers, the Goofers by the McSprays and the Hits & Misses by the Mustangs.

The Twisters' Lou Sahr rolled high in scratch counting for females . . . her singles of 192, series of 498 took weekly honors. Dora Ely, Mustangs, rolled a 239 handicap single . . . and Mable Tyer, Hits & Misses, hit a 623 handicap series.

Jim Young, Hits & Misses, rolled a 215 scratch, 251 handicap single . . . and Bob Hagood, Goofers, rolled series of 557 and 620.

The Hits & Misses rolled high singles . . . 684 scratch, 851 handicap. The Mustangs mustered scratch series with 1935 and the Hits & Misses returned to the boards with handicap series of 2358.

Last week the Twisters stayed on top of the heap by downing the McSprays for three. The Goofers gained the only four-point win of the week over the Alley Cats, while the Hits & Misses hit the Rollers for three. Sharing two were the Roses 'N Thorns and the Mustangs.

Frank Winstead, Goofers, rolled singles of 224, upper to a 253 handicap count . . . while Bob Hagood, Goofers, rolled a 569 scratch series. Bill Sahr, Twisters, took a 634 handicap series.

Ethel Spray, McSprays, took fe-

## Volleyball Tops Still To Beavers

Y-12's Beavers still boast a bright record in Volleyball play after last week's contests.

On Court A action began as the Nemeses nailed the Defects for three games 15-9, 15-4 and 15-5, the Defects winning game two 15-7. The Beavers belted the Old Men 15-3, 15-2, 15-7 and 15-3. The Set-Ups took Y-12's Beta 4 Astros to the cleaners 15-0, 15-6, 15-2 and 15-1.

Meanwhile, back at Court B, the Semanon seized three games from the Gashouse Gang 15-5, 15-4 and 15-8, while the Gang took game two 15-13. ORAU trimmed the Naughts 16-14, 15-10 and 15-9, while the Naughts won game two 15-9. The K-25 Hawks clawed past the Metals & Ceramics team 15-3, 15-6, 15-7 and 15-4.

League standings follow:

Team	W	L
Beavers, Y-12	24	0
Old Men, ORNL	21	7
Nemeses, K-25	19	5
Ecobums, ORNL	18	6
Defects, ORNL	19	9
Semanon, ORNL	17	7
K-25 Hawks	15	13
Set-Ups, ORNL	12	12
ORAU	7	17
M&C, ORNL	6	22
Naughts, ORNL	5	23
Beta 4 Astros, Y-12	3	21
K-25 Gashouse Gang	2	26

male honors all the way . . . singles of 207 scratch, 246 handicap . . . series of 512 and 629.

The Goofers rolled high singles . . . 726 and 862 and series of 1876 scratch. The Hits & Misses hit a 2290 handicap series.

League standings follow:

Team	W	L
Twisters	14	2
Roses 'N Thorns	12	4
Goofers	12	4
Hits & Misses	10	6
Mustangs	5	11
Rollers	4	12
McSprays	4	12
Alley Cats	3	13





**SIX MEN IN ASSEMBLY COMPLETED** an In-Plant training program recently. H. H. Stoner, left, superintendent of Assembly, presents five of them diplomas above. To Stoner's right are M. G. Helton, C. K. Endsley, W. F. Henline, R. Robbins, and M. K. Young. R. E. Gray was not present when the photograph was made.

## Sharon Denham Is Cited For Singing



**Sharon Denham**

Sharon Denham follows closely in her mother's footsteps. She is in training at the University of Tennessee Memorial Research Center and Hospital, beginning nurses' training in September. She was recently chosen by the student council there as the outstanding singing talent in the school. Sharon represents the freshman class on the Student Faculty Committee.

Mrs. Denham is a registered nurse and is employed at St. Mary's Hospital, Knoxville.

The proud father, E. E. Denham, is in Y-12's Process Maintenance, working in Biology. The Denhams live at 3522 Nicholas Drive, Knoxville.

## Ducks Unlimited Sets Dinner Meet, Feb. 13

The East Tennessee Committee of Ducks Unlimited, Inc. is sponsoring a dinner meeting Thursday, February 13, at the Officers Club, McGhee Tyson Airbase, Knoxville. Speaker will be Dale Whitesell, executive vice president of Ducks Unlimited.

The cost is \$5 per person, and

## Keyes, Brewer Still Table Tennis Tops

Loyd Wyatt downed Jerry Goldstein, for three games, in X League action last week as Table Tennismen got down to business again.

Bill Motley defeated Ariko Hirose and Herb Mook put Steve Blum down for three games each.

### X League standings:

Player	W	L
Jerry Keyes, Y-12	9	0
Loyd Wyatt, Y-12	14	1
Bill Motley, Y-12	10	2
Herb Mook, ORNL	6	3
Jerry Goldstein, ORNL	6	3
Hugh Moore, ORNL	3	12
Ariko Hirose, ORNL	3	12
Steve Blum, ORNL	0	15

League-leader Gordon Brewer in the Y League off-set Francois Kertesz for two games. Ed Gambill put Art Stewart down for two, Joe Lewin for three. Ken Toth defeated Kertesz for three ... Lewin for two.

### Y League standings:

Gordon Brewer, Y-12	10	2
Bob Smith, Y-12	3	0
Ed Gambill, Y-12	8	1
Ken Toth, ORNL	8	4
Art Stewart, Y-12	5	4
Joe Levin, ORNL	4	14
Francois Kertesz, ORNL	3	9
Bob Freestone, ORNL	1	8

## Archery League Meets To Get Set Tuesday

Union Carbide employees wishing to become Robin Hoods, listen! The All-Carbide Archery league will be formed Tuesday, February 4, 6 p.m. at the Indoor range at 4, Oak Ridge Sportsman's Association. Three relays will be fired at 5, 6 and 7 p.m. each Thursday.

Additional information may be obtained from Frank Robertson, extension 3-6352 or Howard Frazier, 3-6331. There is no charge, and instruction for novices is available just for the asking.

the social hour begins at 6 p.m. ... with dinner at 71.

Many nice door prizes will be given away including a registered golden retriever dog.

Information, or tickets, may be obtained at the Oak Ridge Discount Store, or from Harry J. Conner, plant phone 3-7551, home phone Oak Ridge 482-1518.



**Ride wanted from corner of Windhaven Lane and Windham Road, Oak Ridge, to North or Central Portal, straight day.** C. B. Chitwood, plant phone 3-5258, home phone Oak Ridge 483-8700.

**Ride wanted from 2908 Wimpole Avenue, to Central Portal, straight day.** Elizabeth Johnson Stinson, plant phone 3-7133, home phone Knoxville 525-3060.

**Three rides needed from Karns Community (corner of Emory and Hackworth Roads), to Central Portal, straight day.** B. L. Fritts, plant phone 3-7009, home phone Knoxville 588-6175.

**Ride wanted from Tacora Hills, near Clinton, to Central Portal, straight day.** Brenda Boyd, plant phone 3-5244, home phone Clinton 457-9326.

## New Electronic Course Set To Open Feb. 11

A new course in Industrial Electronic Technology is now being organized. Registration for this class will be held at 7 p.m., Tuesday, February 11, at Central High School, Wartburg. This class will meet from 6 p.m. until 10:30 p.m. two nights each week.

The three-year course is divided into six semesters, and the cost is \$20 tuition, \$6 for textbooks, and \$2.50 for lab manuals. For Union Carbide employees, the course is approved for a sharing of cost under the UC Educational Assistance Program.

Anyone interested in signing up for the course or who needs additional information, should call T. A. Hickman, extension 3-5762.

## PITY THE POOR CAMEL

The reason a man would 'walk a mile' for a cigarette is that he wants to put off smoking it as long as he can!

Review all material carefully before throwing it in the waste basket.



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February ... with its many birthdays makes its entrance, heralding the milestones, too, of a lot of Y-12ers, marking important dates with Union Carbide Corporation. Congratulations.

### 25 YEARS

**Claude E. Hensley**, Superintendents Division, January 29.

**Ernest E. Kennedy**, General Plant Tooling Coordination, January 29.

**Lonnie R. Hall**, Research Services, January 29.

**Mary H. Jenkins**, Casting Department, January 31.

**Bruce A. Hicks**, Building Services Department, January 31.

**James R. Whitcomb**, SS Material Control, January 31.

**Malcolm P. Crews**, Process Maintenance, February 2.

**Arthur O. Phillips**, Stores Department, February 2.

**Nels K. Bernander**, Technical Administration, February 2.

**Arthur H. Snyder**, Product Information Center, February 4.

### 15 YEARS

**Willis S. Hansford**, Alpha Five Machine Shop, January 29.

**Charles W. Perry**, Alpha Five Processing, January 29.

**Talmage W. Sizemore**, Buildings, Grounds and Maintenance Shops, January 30.

**Stanley V. Shepherd**, Graphite Shop, February 1.

**Clifton J. O'Neal**, Tool Grinding, February 1.

**Herman T. Gallups**, General Machine Shop, February 1.

**Raymond C. Rapier**, Dispatching Department, February 2.

**Jack L. Williams**, General Shop Job Liaison, February 4.

### 10 YEARS

**Edmond D. Nicely**, A-2 Shops, 9212, February 2.

**Jackie D. Crye**, Special Production Scheduling and Coordination, February 2.

**Ralph G. Nichols**, Guard Department, February 2.

**William L. Mincey**, Alpha Five Machine Shop, February 2.

## Museum Opens Again Seven Days A Week

The American Museum of Atomic Energy—Oak Ridge Hall of Science, will resume operations on a seven-day-a-week basis beginning Sunday, February 2. The Museum's hours will be 9 a.m. to 5 p.m., daily, except Sunday, when it is open from 12:30 p.m. until 6:30 p.m.

Since 1949, when it opened the Museum has proved to be one of East Tennessee's most popular attractions, with more than 1.9 million visitors during this period.

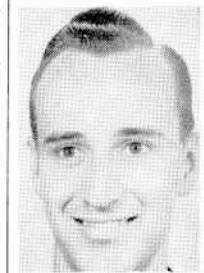
Admission to the Museum, operated for the U.S. Atomic Energy Commission, by Oak Ridge Associated Universities, is free.

Regular guided tours and lecture-demonstrations are conducted throughout the day for visitors by trained exhibit managers.

## Magic Act Feature Of Junior Play

An original play written and directed by Francis McKinney will be the Oak Ridge Junior Playhouse's 3rd production for the current season. The play "Great Grizzley!" will be presented Saturday and Sunday, February 1, 2 at 1 and 3 p.m. each day at the Playhouse in Jackson Square.

Larry Austin, a newcomer to Y-12 and the local stage, has the



**L. Austin**

part of Uncle Laurentio Austinini in the new play. Besides acting, Larry's part also includes a 20-minute magic act, a condensation of his professional act.

Larry is available to do his 'thing' of magic act for clubs, parties, etc. His act runs 30-45 minutes, and would interest all age groups.

Tickets for the junior production are available from Overton's Drug Store in Bruner Shopping Center, Woodland Drugs and Jackson Square Pharmacy. They are also available at the boxoffice in Jackson Square Thursday and Friday from 1 to 5 p.m. The box office is always open one hour before each performance.

Season membership holders are to comply with the date and time marked on their ticket.

## Comedy Classics Is AAUW Feature

The fourth film in the current AAUW Film Series is 'The Golden Age of Comedy.' It will be shown on Sunday, February 2, at 8 p.m. at the Robertsville Junior High Auditorium. 'The Golden Age' is made up of scenes from Hal Roach and Mack Sennett comedies shown in the '20s. Will Rogers, Jean Harlow, Carole Lombard, Ben Turpin and many others will be seen. And, of course, Laurel and Hardy romp through some of their funniest slapstick.

'A Ballad of Love,' winner of the Moscow Film Festival's short subject prize, will also be shown. This Russian film shows the development of affection between a young Moscow student and a deaf and dumb girl with a near perfect poetic simplicity in the performances of Victoria Fyodorova and Valentin Smirnitky.

Tickets will be available at the door of Robertsville Junior High on February 2.

